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No 9]

NEW DELHI, SATURDAY, MARCH 2, 1974 (PHALGUNA 11, 1895)

इस भाग में मिन्न पृष्ठ संख्या वी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
 (Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 2nd March 1974

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

11th February 1974

271/Cal/74. J. Seth. Improvements in or relating to a release lever unit for controlling release operation of friction grip type rope pulling machines.

272/Cal/74. L. Bucalo. Internal blood collection.

273/Cal/74. L. Bucalo. Method and device for testing for the presence of microorganisms.

274/Cal/74. Hudswell Morrice Limited. Method and apparatus for the use in the laying of a pipeline in a trench. (February 10, 1973).

275/Cal/74. Trapez Anstalt. Windscreen wiper.

276/Cal/74. R. Ricci. Free wheel for bicycles.

277/Cal/74. Sandoz Ltd. Improvements in or relating to organic compounds. (February 13, 1973).

278/Cal/74. Sandoz Ltd. Improvements in or relating to organic compounds. (February 13, 1973).

279/Cal/74. Sandoz Ltd. Improvements in or relating to organic compounds. (February 13, 1973).

280/Cal/74. Screetex Limited. Improvements in or relating to the packaging of tubular (e.g. cylindrical) and like stencils. (March 2, 1973).

281/Cal/74. The B. F. Goodrich Company. Puncture sealing tire. (December 3, 1973).

282/Cal/74. Ranendra Kumar Bhattacharya and Dr. Samar Nath Basu. Improvements in or relating to steel making.

283/Cal/74. Council of Scientific and Industrial Research. A process for production of hot reducing gases for production of sponge iron and the like.

284/Cal/74. Council of Scientific and Industrial Research. A process to coat aluminium surfaces with vinyl compositions and the products thus coated.

12th February 1974

285/Cal/74. Achinta Kumar Roy, Mihir Kumar Roy and Ranjit Kumar Chaudhury. Principle and device of hydro-oxygen internal combustion engine.

286/Cal/74. Kabel-und Metallwerke Gutheoffnungshutte Aktiengesellschaft. Method and apparatus for paring wires, metal extrusions and other elongated metallic material.

287/Cal/74. Clayton Dewandre Company Limited. Improvements in or relating to spring brake units.

288/Cal/74. Shell Internationale Maatschappij B.V. A process for the preparation of a hydrogen-rich gas.

289/Cal/74. Metallgesellschaft Ag. Electrolysis of alkali metal chlorides.

290/Cal/74. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Now benzofuran derivatives, process for preparing them and their use as optical brighteners.

291/Cal/74. Catalysts and Chemicals, Inc. Removal of sulfur compounds from industrial gas streams.

292/Cal/74. Catalysts and Chemicals Inc. Solid chloride adsorbent and process of chloride adsorbent.

293/Cal/74. International Standard Electric Corporation. Spherical double reflector antenna.

294/Cal/74. Swiss Aluminium Ltd. Improvements relating to electrodes.

295/Cal/74. Midrex Corporation. Passivation of metallized pellets in bulk.

296/Cal/74. Ranks Hovis McDougall Limited. Improvements in or relating to the production of edible protein containing substances. (February 13, 1973).

297/Cal/74. United States Borax and Chemical Corporation. Herbicidal substituted benzimidazoles.

298/Cal/74. Montedison S.p.A. Process for the preparation of metallized dyes derived from pyrazoloneacetic acid.

299/Cal/74. Q-S. Oxygen Processes, Inc. Metallurgical process using oxygen.

13th February 1974

300/Cal/74. Ruti Machinery Works Ltd. Shaft drive.

301/Cal/74. Phani Bhushan Chakraborty. Improvements in or relating to the preparation and purification of trioxane.

302/Cal/74. Rist's Wires & Cables Limited. Wiring harness. (February 14, 1973).

303/Cal/74. Messerschmitt-Bölkow-Blohm Gesellschaft mit beschränkter Haftung. Ignition system for rocket propulsion unit combustion chambers. (January 8, 1974).

304/Cal/74. The Babcock & Wilcox Company. Industrial technique.

305/Cal/74. Siemens Aktiengesellschaft. Manufacture of elongate plastics. (December 14, 1973).

306/Cal/74. Farbwere Hochst Aktiengesellschaft vormals Meister Lucius & Bruning. Monoazo compounds, process for preparing them and their use as dyestuffs.

307/Cal/74. Gruppo Lepetit S.p.A. Process for preparing substituted 1, 2, 4-triazole derivatives. [Divisional date June 12, 1972].

308/Cal/74. Gruppo Lepetit S.p.A. Process for preparing substituted 1, 2, 4-triazole derivatives. [Divisional date June 12, 1972].

309/Cal/74. Gruppo Lepetit S.p.A. Process for preparing substituted 1, 2, 4-triazole derivatives. [Divisional date June 12, 1972].

310/Cal/74. Maschinenfabrik Rieter A. G. An arrangement for keeping clean the revolving flats of cards. (March 15, 1973).

311/Cal/74. Eddybel S. A. Apparatus for producing a coiled thread package.

312/Cal/74. Sibirskey Nauchno-Issledovatelsky Institut Energetiki. Electric-cable joint box.

14th February 1974

313/Cal/74. Labaz. Indole derivatives and process for preparing the same. (February 16, 1973).

314/Cal/74. Tenco Brooke Bond Limited. Spray drying process for tea powder.

315/Cal/74. The Lucas Electrical Company Limited. Extrusion tools. February 17, 1973.

316/Cal/74. Establissements V. Q. Petersen & Cie. Method of reducing the aflatoxin content of agricultural products.

317/Cal/74. Rhone-Progil. Autoclave.

318/Cal/74. Saint-Gobain Industries. Control of heatable window panes.

319/Cal/74. Aerojet-General Corporation. Welding apparatus.

320/Cal/74. Stanadyne Inc. Fuel injection pump.

321/Cal/74. Cassella Farbwerke Mainkur Aktiengesellschaft. Process for the preparation of ketone derivatives. [Divisional date April 1, 1972].

322/Cal/74. Tesla, narodni podnik. Circuit arrangement of a radar.

323/Cal/74. Ajinomoto Co., Inc. and Japan Carboxylic Acids Company, Limited. Process of oxidizing paraffin to fatty acids.

15th February 1974

324/Cal/74. Council of Scientific and Industrial Research. Improvements in or relating to calcium halophosphate phosphor for use in fluorescent tube-lights.

325/Cal/74. Chitta Ranjan Mukherjee. Magneto electric generator.

326/Cal/74. Canadian Industries Limited. Manufacture of alkali metal amides. (February 19, 1973).

327/Cal/74. L. G. Westerlund and L. A. Westerlund. A device for introducing a pourable mass into holes.

328/Cal/74. Siemens Aktiengesellschaft. Arrangement for railway line sections equipped with block-system installation.

329/Cal/74. West's (Manchester) Limited. Method and apparatus for calcination of lime.

330/Cal/74. Inventia Ag für Forschung und Patentversortung, Aurich. Process for preparing polyglycidyl ethers of low molecular weight.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE (BOMBAY BRANCH)

31st January 1974

37/Bom/74. Hindustan Lever Limited. Shampoo compositions. (February 5, 1973).

38/Bom/74. Business Machine Company. Improvement in or relating to two pin plug.

39/Bom/74. Y. A. Tinwala. A drawer handle.

40/Bom/74. M/s. Microelectronics Laboratories and Dr. W. J. Jirafe. Deposition of Thin Filmson Glass Epoxy Laminates and Utilization thereof for Electronic components.

1st February 1974

41/Bom/74. Y. A. Tinwala. A door protector.

2nd February 1974

42/Bom/74. B. B. Jagannath. One stroke two chamber rotary I. C. engine.

43/Bom/74. B. B. Jagannath. Two stroke two chamber rotary I. C. engine.

4th February 1974

44/Bom/74. K. E. Lalkaka and Z. Noshirwanji A. Improvement relating to army land mines.

45/Bom/74. K. E. Lalkaka and Z. Noshirwanji A. The improved loom brake when warp stop motion is used.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE (MADRAS BRANCH)

11th February 1974

19/Mas/74. Messrs. Maoneill and Barry Limited. An automatic star delta motor starter.

20/Mas/74. The South India Textile Research Association. A machine for carrying out interfacial polymerization of synthetics on the surface of spindle tapes.

ALTERATION OF DATE

117736. Ante-dated to January 10, 1967.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four

months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F1. 92934

PROCESSS FOR THE PREPARATION OF NEW DIHALOGENO-AMINO-BENZYLAMINES.

DR. KARL THOMAE GMBH., OF BIBERACH AN DER RISSL, TALFELDSTRASSE 27, FEDERAL REPUBLIC OF GERMANY.

Application No. 92934 filed March 24, 1964.

Addition to No. 85113.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

30 Claims

A process for the preparation of dihalogeno-amino-benzylamines of the general formula I of the accompanying drawings, (in which R represents a hydrogen atom or a lower acyclic aliphatic, cycloalkyl, aralkyl or aryl group; and

R¹ represents a lower acyclic aliphatic cycloalkyl, aralkyl or aryl group; OR

R and R¹, together with the adjacent nitrogen atom, represent a pyrrolidinyl, piperidino or camphidinyl group, or a lower alkyl-substituted pyrrolidinyl, -piperidino or -camphidinyl group; and

Hal represents (chlorine or bromine) and acid addition salts thereof, which process comprises reducing a dihalogeno-amino-benzamide of formula II, (wherein R, R¹ and Hal are as defined above) to form a compound of formula I as defined above, and if desired converting the compound of formula I thereby obtained into an acid addition salt thereof.

CLASS 55E4. 101981.

PROCESS FOR THE PREPARATION OF WATER-SOLUBLE EXTRACTS OF FLAVONE-CONTAINING LEGUMES.

SOPHYMEX S. A., OF 45 RUE DE NEUILLY, NANTERRE (SEINE), FRANCE.

Application No. 101981 filed October 11, 1965.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims—No drawings

Process for the preparation of water-soluble extracts of flavone-containing legumes which comprise extracting the tissue of a flavone-containing legume with aqueous ethanol, evaporating the alcoholic extract to dryness under reduced pressure, re-extracting the residue with water and filtering the aqueous extract, removing tannins from the aqueous extract in known manner, and finally evaporating the aqueous solution obtained in the presence of a mono- or di-saccharide.

CLASS 32F1.

103168.

PROCESS FOR THE PURIFICATION OF IMPURE HALOTHANE.

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, S.W.1., ENGLAND.

Application No. 103161 filed December 24, 1965.

Convention date January 1, 1965 (55/65) U.K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims—No drawings.

A process for the purification of impure halothane containing as impurity at least one compound of the formula CF₃CX=CYCF₃ wherein X stands for hydrogen, bromine or chlorine and Y stands for bromine or chlorine and/or at least one compound of the formula CF₂=CCIZ where Z is hydrogen, bromine, chlorine or fluorine, which comprises intimately contacting said impure halothane in the liquid phase with a metal permanganate and recovering the purified halothane.

CLASS 55E3.

103985.

IMPROVEMENTS IN AND RELATING TO THE PREPARATION OF INSULIN.

THE WELLCOME FOUNDATION LIMITED OF 183-193, EUSTON ROAD, LONDON, N.W.1., ENGLAND.

Application No. 103985 filed February 21, 1966.

Convention date February 22, 1965 (7466/65) U.K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims—No drawings.

A method for the preparation of insulin, comprising the steps of contacting an extract being a partially aqueous solution of insulin, which contains predominantly one or more organic solvents, such as lower alcohol or acetone, at an indicated pH between about 4.1 and 6.3 with a carboxymethyl cellulose adsorbent pre-adjusted substantially to the pH of the solution, contacting the adsorbent, which contains the insulin and is freed from the residue of the extract, with a lipid solvent and eluting the insulin from the adsorbent with an aqueous solution containing acid or salt.

CLASS 32F3d and 55E2+E4.

10689.

PROCESS FOR PREPARING NOVEL STEROID-21-ESTERS.

ROUSSEL-UCLAF, OF 35, BOULEVARD DES INVALIDES, PARIS, 7 EME, FRANCE.

Application No. 106896 filed September 2, 1966.

Convention date November 3, 1965 (46519/65) U.K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

A process for the preparation of a 21-[β -ethoxy]-ethoxy]acetoxy-20-oxo-pregnane, wherein n is either 1 or 2, in which a 21-hydroxy-20-oxo-pregnane of the general formula II shown in the accompanying drawings (where St represents a steroid nucleus of the pregnane series) is esterified by reaction with an organic acid of the formula CH₃-3H₂-O-(CH₂-CH₂-C)n-CH₂-COOH (wherein n is again either 1 or 2) or a functional derivative thereof, to form the corresponding 21-[β -ethoxy]-ethoxy]-acetoxy-20-oxo-pregnane.

CLASS 32F2b.

108809

PROCESS FOR THE PREPARATION OF STEROIDO-OXAZOLINES.

GRUPPO LEPESTIT S. P. A., OF 8, VIA ROBERTO LEPESTIT, MILANO, ITALY.

Application No. 108809 filed January 10, 1967.

Convention date January 11, 1966 (1257/66) U.K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for preparing steroido-oxazolines of the formula shown in Fig. 1 of the accompanying drawings, where in R represents hydrogen or an acyl group, X and Y are halogen atoms, which comprises treating a steroido-oxazoline of the formula shown in Fig. 2 of the drawings, wherein R is as defined above, with an agent selected from N-chlorosuccinimide in the presence of hydrochloric acid and N-bromoacetamide in the presence of lithium chloride.

CLASS 32F2b.

117736.

STEROIDO-OXAZOLINES AND PROCESS FOR THEIR PREPARATION

GRUPPO LEPETIT S. P. A., FORMERLY KNOWN AS LEPETIT S. P. A., OF 8, VIA ROBERTO LEPETIT, MILANO, ITALY.

Application No. 117736 filed September 17, 1968.

Convention date September 29, 1966 (43628/66) U. K.

Division of Application No. 108809 filed January 10, 1967.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for preparing steroido-oxazolines of the formula shown in Fig. 1 of the accompanying drawings, wherein R represents lower alkyls of 1-8 carbon atoms, X and Y are halogen atoms, which comprises treating a steroido-oxazoline of the formula shown in Fig. 2 of the drawings, wherein R is as defined above, with chlorine in the presence of pyridine.

CLASS 55E3.

122683

PROCESS FOR MAKING INJECTABLE INSULIN PREPARATIONS.

NOVO TERAPEUTISK LABORATORIUM A/S, OF 115, FUGLEBAKKEVEJ, 2200 COPENHAGEN N., DENMARK.

Application No. 122683 filed August 8, 1969.

Convention date August 9, 1966 (38081/68) U. K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Process for making injectable insulin preparations, characterized by removing from insulin recovered from pancreas glands not only all pancreatic proteins with a molecular weight above 6000 but also antigenic insulin-like substances having a molecular weight about 6000 by means of column chromatography on an ion exchanger or a combination of gel filtration and column chromatography on an ion exchanger, and bringing said purified insulin in solution or suspension in an injectable aqueous medium, preferably at a pH-value of about 7. CLASS 32C.

131991.

PROCESS FOR THE MANUFACTURE OF A PYROGLUTAMYLPEPTIDE.

FARBWERKE HOECHST AKTIENGESELLSCHAFT VORMALS MEISTER LUCIUS & BRUNING, OF 45, BRUNINGSTRASSE, FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY.

Application No. 131991 filed July 5, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

Process for the manufacture of L-pyroglutamyl-L-histidyl-L-prolinamide wherein compounds of the formula IV shown in the accompanying drawings in which Ac represents the tert. butyloxycarbonyl-, the benzylxycarbonyl-, the adamantlyloxy-carbonyl- or the isobornyloxy carbonyl group and R₁ and R₂ represent hydrogen, the 4, 4'-dimethoxybenzhydryl group (MbH) or the 2, 4-dimethoxybenzyl-, 2, 4, 6-trimethoxybenzyl- or xanthyl-group, but R₁ and R₂ cannot simultaneously represent hydrogen, are heated under reflux with anisole or phenol containing trifluoroacetic acid.

CLASS 27N, 45B1 & 164C.

13

PORTABLE SEDIMENTATION TANK-CUM-INVERTED FILTER FOR DOMESTIC SEWAGE.

SHANMUGASUNDARAM, VENKATESAN, 2-43, SECOND NORTH STREET, SERANGULAM P. O., MANNARGUDI, TAMIL NADU, INDIA.

Application No. 132096 filed July 13, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

1. Claim

A portable sedimentation tank-cum-inverted filter for domestic sewage as shown in the accompanying diagram with metal or similar material, where charcoal or light weight aggregates are held as inverted filter media and prevented from being floated away by closed box-like arrangement with perforated plate at bottom for influent and a top out-let for effluent comprising a removable metal grid 1, latrine basin 2, charcoal pieces or light weight aggregates 3, below the basin and supported by another metal grid 4, two doors 11 and side doors 12 and means 10 for operating the doors 11 for discharging solid sewage deposits.

CLASS 5E.

132781.

SEED PLANTING MECHANISM CAPABLE OF BEING ATTACHED TO OR MOUNTED ON AN AGRICULTURAL VEHICLE.

VINOD MURGAI, 52, FORT ROAD, FEROZEPUR, PUNJAB, INDIA.

Application No. 132781 filed October 6, 1971.

Post dated to October 6, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A seed planting mechanism capable of being attached to or mounted on an agricultural vehicle, such as a tractor, comprising a container or storage bin for carrying the seeds, characterised by a receptive member adjacent the opening or openings of said bin for receiving the seeds from said bin, at least one feed can provide adjacent said receptive member and having an outlet opening, a registering or co-operating means provided in said feed can and adapted to receive the seeds, said means consisting of a disc having a single or plurality of pockets for receiving the seeds manually placed therein from the said receptive member for effecting a selective number of discharges of the seeds into said opening, and means for driving said registering or co-operating means.

CLASS 25A & 85B.

133116.

AN IMPROVED REFRACNORIES COMPANY, AT 1520 LOCUST STREET, PHILADELPHIA, PENNSYLVANIA 19102, U.S.A.

GENERAL REFRACNORIES COMPANY, AT 1520 LOCUST STREET, PHILADELPHIA, PENNSYLVANIA 19102, U.S.A.

Application No. 133116 filed October 5, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims No drawings.

In a refractory-line structure for holding molten pig iron that is subject to molten metal impacts, an improved inner refractory lining comprising: medium pitch impregnated fire clay brick having an 45/- alumina content of 40% by weight, said brick positioned at all areas of the lining which are impacted by molten pig iron, corroded rapidly by slag, or eroded rapidly by molten pig iron.

CLASS 33D & 129J.

133192.

IMPROVEMENTS IN OR RELATING TO THE CLOTHING OF ROLLS AND THE ROLLS SO OBTAINED

CREUSOT-LOIRE, OF 5, RUE DE MONTTESSUY, PARIS 7EME, FRANCE.

Application No. 133192 filed October 11, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A method of clothing rolls, wherein there is applied to a roll clothing such that the clothing factor f , defined as the ratio of the difference between the core outside diameter and the clothing inside diameter cold before clothing to the core outside diameter, and chosen in dependence upon the ultimate strength R of the metal forming the clothing after the clothing operation, lies between two values f_1 and f_2 .

$$f_1 = \frac{R}{60\ 000} \quad \text{and} \quad f_2 = \frac{R}{70\ 000}$$

the ultimate strength R being from 80 to 140 kg/mm².

CLASS 130F.

133248.

METHOD OF SMELTING HIGH QUALITY FERROSILICON.

JUTARO YONEMOCHI, AT KOADACHI 171, KOMAE-SHI, TOKYO, JAPAN.

Application No. 133248 filed October 15, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A method of smelting high quality ferrosilicon in an electric furnace comprising: utilizing a furnace charge compound consisting of lumpy quartz, iron ore, lumpy carbonaceous reducing agent and slag making material; accumulating and maintaining a constant layer of molten slag in the furnace; immersing part of said lumpy carbonaceous reducing agent into said slag, so that said slag may be filled with the carbonaceous reducing agent the buoyancy thereof supporting the furnace charge compound in the upper part of the furnace; immersing and maintaining the ends of electrodes into said slag layer; and passing electric current through said slag layer which acts as an electric resistance, joule heat generated thereby providing a necessary and sufficient temperature for reduction of silicon.

CLASS 69E & 133B.

133283.

ELECTRICAL SWITCHES.

JOSEPH LUCAS (INDUSTRIES) LIMITED, OF GREAT KING STREET, BIRMINGHAM 19, ENGLAND.

Application No. 133283 filed October 20, 1971.

Convention date October 31, 1970 (51896/70) U.K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

An electrical switch including a body, a plurality of similar fixed electrical contacts supported by the body, each fixed contact being generally in the form of a trapezium, and the fixed contacts being positioned on an arc of a circle with the adjacent side edges of adjacent contacts generally parallel, a rotor rotatable relative to the body, including detent means for retaining the rotor in anyone of a plurality of angular positions relative to the body, about an axis passing through the centre of curvature of the arc of the fixed contacts, and a movable contact carried by the rotor, the movable contact being formed with three spaced projections which engage the fixed contacts, and being so disposed on the rotor as to move bodily, upon movement of the rotor, along the arc defined by the fixed contacts, the movable contact being so mounted on the rotor as to be capable of tilting relative to the rotor to accommodate small deviations in the levels of the fixed contacts from a common plane, and the movable contact being capable of engaging, simultaneously, three fixed contacts which are immediately adjacent one another, in combination with a key operated mechanism, the mechanism including a core rotatable by an operating key to operate the mechanism, the rotor of the switch being coupled to said core so as to rotate therewith and the core being rotatable about said axis passing through the centre of curvature of the fixed contacts of the switch.

CLASS 195B+E.

133309.

A DEVICE FOR FEEDING A GAS DETECTOR TUBE WITH GAS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 133309 filed October 22, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A device for feeding a gas detector tube with gas, which consists of (a) a suction block having a suction space, through which is inserted a suction tube, the flanged end of which remains projected to touch a diaphragm in the suction space to which is connected a tubular suction limb of a gas detector feeder comprising a Y-shaped glass tube connected from the top and (b) a delivery block having two unequal diaphragms pasted on the two walls of the delivery block through which is inserted a long glass tube having pore on its wall and its flanged end is tightly pressed on a bottom diaphragm in its position of rest whereby when sucked at the gas detector feeder by a syringe, the gas enters into the syringe through (i) the suction tube, (ii) the suction space and (iii) the suction limb of the Y-tube and when compressed the gas ejects out through a delivery tube after force opening the bottom diaphragm.

CLASS 119F1.

133336.

AN IMPROVED DEVICE FOR AUTOMATIC SHUTTLE EXCHANGE ON WEAVING LOOMS HAVING MULTIPLE SHUTTLE BOXES ON BOTH SIDES THEREOF.

TSUDAKOMA INDUSTRIAL CO., LTD., OF 18-18, NOMACHI 5-CHOME, KANAZAWA-SHI, ISHIKAWA-KEN, JAPAN.

Application No. 133336 filed October 23, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An improved device for automatic shuttle exchange on weaving looms having multiple shuttle boxes on both sides thereof characterized in that a drive motor is disconnectably related to the first and second operation shafts; clutch assemblies are mounted on both shafts in such an arrangement that, when they are rendered operative at programmed intervals by associated solenoids, they momentarily connect said shafts to said drive motor so as to induce only one complete rotation of the former; a gear combination is provided so as to induce an initial half complete rotation of an eccentric shaft per each complete rotation of the first operation shaft; a box exchange lever is mounted on said eccentric shaft so as to lift a shuttle box assembly to such an extent that a selected shuttle box rises above the lathe surface level upon one half rotation of the eccentric shaft; said box exchange lever resumes its lower position upon the subsequent half complete rotation of said eccentric shaft which is caused by the next connection of said first operation shaft via said clutch assembly; a shuttle discharge cam is secured on said second operation shaft in an arrangement such as to cause a lateral discharge of the shuttle from said shuttle box which is in the lifted position; a shuttle supply cam is secured on the second operation shaft in an arrangement such as to cause a lateral supply of a new shuttle into said shuttle box after complete discharge of the old shuttle; and a shuttle selector cam is secured on said second operation shaft for selection of said new shuttle.

CLASS 58B+C

133744.

IMPROVEMENTS IN OR RELATING TO STRUCTURAL MEMBERS.

KUTTY FLUSH DOORS & FURNITURE CO. PRIVATE LTD., POONAMALLEE HIGH ROAD, KOYAMBEDU, MADRAS-49, INDIA.

Application No. 133744 filed November 25, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Madras Branch.

5 Claims.

An improved structural member characterised in that it comprises a cellular core constituted by a plurality of sets of curvilinearly shaped wooden veneer strips, each of said sets consisting of pairs of veneer strips disposed side by side and the sets themselves being arranged with the veneer strips thereof disposed end to end, such that the ends of each pair of veneer strips of one of such sets are respectively located between the ends of the corresponding pair of veneer strips of another consecutive set; a frame closely circumscribing the core; and means for covering the two surfaces of the core (such as a sheet, board, plate or a lamina), said means being attached either to the frame, to the core, or to the frame as well as to the core.

CLASS 70C3.

133808.

A METHOD FOR THE PRODUCTION OF ALUMINIUM BY ELECTROLYSIS.

SWISS ALUMINIUM LTD., OF CHIPPIS (CANTON OF VALAIS), SWITZERLAND.

Application No. 133808 filed November 30, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A method for the production of aluminium by electrolysis of aluminium oxide in a fluoride bath, in an electrolytic cell, wherein the frequency and/or the duration of the anode effects is reduced, and the cell current intensity is increased to produce sufficient heat to substantially compensate for the component of useful energy of the reduction in anode effect energy as herein defined.

CLASS 195B.

133832.

CONTROLLED RELIEF VALVES.

SPERRY RAND CORPORATION, OF CROOKS AND MAPLE ROADS, TROY, STATE OF MICHIGAN 48084, U. S. A.

Application No. 133832 filed December 2, 1971.

Convention date October 7, 1971 (46599/71) U.K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

An electrically controlled relief valve comprising a body having an inlet port and an exhaust port, a slideable primary valve controlling flow therebetween, a control chamber formed in the body, a slideable piston connected to the primary valve and exposed on one side to inlet pressure and on the other side to pressure in the control chamber, a pilot flow path from the inlet port to the exhaust port and including serially connected first and second restrictions, said control chamber being connected to said inlet port via said first restriction and to said exhaust port via said second restriction, electrical means for varying one of said restrictions to thereby modulate the pressure in the control chamber to a selected level and stabilizing means responsive to the pressure between said restrictions for biasing said electromagnetic means, whereby the primary valve can open at a pressure level in the inlet port related to the degree of energization of the electromagnetic means.

CLASS 102D & 156B+D.

133863.

IMPROVEMENTS IN PUMPS AND MOTORS

SPERRY RAND CORPORATION, OF CROOKS AND MAPLE ROADS, TROY, STATE OF MICHIGAN 48084, U. S. A.

Application No. 133863 filed December 7, 1971.

Convention date October 15, 1971 (48010/71) U.K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A hydraulic pump or motor comprising a casing, a rotatable cylinder barrel in the casing and carrying axial pistons which cooperate with an inclined swash plate, a drive shaft and a valve plate perpendicular thereto, with the cylinder barrel connected to the shaft with freedom to find its seat against the valve plate, the inner contour of the casing surrounding the cylinder barrel

being shaped to control the circulation of fluid carried around by the drag of the cylinder barrel for substantially preventing the generation of laterally unbalanced fluid pressure forces on the cylinder barrel.

CLASS 24D1.

133944.

IMPROVEMENTS RELATING TO SHOE-DRUM BREAKS FOR VEHICLES.

GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

Application No. 133944 filed December 15, 1971.

Convention date December 17, 1970 (60082/70) U. K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

An hydraulic actuating assembly for a vehicle shoe drum brake comprising first and second relatively slideable members in which the first member is provided with a longitudinally extending bore which is closed at one end and in which works a portion of the second member, and a sealed hydraulic chamber is defined within the bore between the closed end of the first member and the second member, one of the members incorporating an inlet port for the chamber and a vent port being located in a portion of the wall of that member to provide an indication, by external leakage of hydraulic fluid, of failure of the sealing of the chamber.

CLASS 36B1.

134350.

A FAN SUITABLE FOR USE UNDER HIGH-TEMPERATURE CONDITIONS.

WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH, PENNSYLVANIA, U. S. A.

Application No. 134350 filed January 22, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A fan suitable for use under high-temperature conditions, comprising bearing means, a drive shaft journaled in said bearing means, said drive shaft having an axial hollow extending therethrough and adapted to communicate with a supply of cooling fluid, a fan rotor mounted on said drive shaft, and centrifugal pump means disposed on, and rotatable with, the drive shaft for pumping cooling fluid from said supply through the axial hollow of the shaft, said axial hollow being closed toward the fan rotor, and said centrifugal pump means comprising at least one tubular member which communicates with said axial hollow, and which extends radially through and from said drive shaft, at a location between the bearing means and the fan rotor.

CLASS 32F2C.

134430.

PROCESS FOR THE PREPARATION OF UREA.

STAMICARBON N. V., OF VAN DER MAESENSTRaat 2, HEERLEN, THE NETHERLANDS.

Application No. 134430 filed January 31, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An improved process for the preparation of urea of the type in which a carbon dioxide and an excess of ammonia are reacted in a urea synthesis zone at an elevated temperature and pressure to form a urea solution containing ammonium carbamate, subjecting the urea-synthesis solution thus obtained to at least two treatment stages, each treatment stage comprising a reduction in pressure whereby in each of the said stages ammonium carbamate is decomposed and CO₂, NH₃ and water vapour are liberated and separated off, at least one of the said treatment stages comprising the steps of removing a first off-gas from the urea solution after the pressure reduction, heating the remaining solution and removing a second off-gas therefrom, and at least a proportion of the said liberated and separated substances are condensed to form an ammonium carbamate solution which is recycled directly or indirectly to the urea synthesis zone; the improvement being that in at least one of the said stages in which the off-gas is removed in two steps the urea-synthesis solution is

heated between the pressure reduction and the removal of the off-gases to a temperature which is not more than 20°C higher than the adiabatic equilibrium temperature after the pressure reduction, the rise in temperature being not more than 40% of the total rise in temperature during the particular treatment stage.

CLASS 145E1. 134468.

STRAINER DEVICE IN VESSELS FOR TREATING CELLULOSIC PULP.

KAMYR AKTIEBOLAG, OF VERKSTADSGATAN 10, KARLSTAD, SWEDEN.

Application No. 134468 filed February 2, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Strainer device in a standing cylindrical vessel adapted for maintaining an axial flow of cellulosic pulp consisting of fibre material suspended in a liquid, said device comprising a set of concentric hollow strainer bodies placed at the same level and also being concentric to the axis of the vessel and having essentially vertical strainer faces for withdrawing liquid from the pulp, and outlets for spreading transversely of the pulp flow of liquid in the pulp located at approximately the same level as the strainer faces and moveable in paths concentric to the strainer bodies characterized in that a liquid outlet concentrically moveable between two strainer bodies is located close to an impervious cylindrical screen attached to the strainer bodies, in order to divert the liquid ejected from said outlet towards merely one of said two strainer bodies.

CLASS 55E4. 134655.

PROCESS FOR OBTAINING CALCIUM SALT WITH HIGH SOLUBILITY AND HIGH CONTENT OF CALCIUM IONS.

CENTRALA INDUSTRIALA DE MEDICAMENTE SI COLORANTI, OF STR. ION SULES NR. 246, RUMANIA.

Application No. 134655 filed February 17, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A method of preparing a water-soluble organic calcium salt such as glucono lactate of calcium, comprising the steps of dissolving a mixture of calcium lactate and calcium gluconate, in the range of proportions from 0.4 : 1 to 1.1 : 1 by weight (based on anhydrous lactate and gluconate) in from 2 to 4 parts of water, concentrating the solution by boiling until the water to mixture ratio is between 2 : 1 and 1 : 1, and then separating the calcium salt by addition of an organic solvent such as alcohol or acetone or by atomizing the solution, obtaining a product with a high content of calcium ions for therapeutic use.

CLASS 33A & 129J. 134722.

ADJUSTABLE CONDUCTING ROLL APPARATUS

USS ENGINEERS AND CONSULTANTS, INC., AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, U. S. A.

Application No. 134722 filed February 23, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A drive roll apparatus for engaging opposite sides of a workpiece, particularly a continuous casting, by means of spaced driven rolls forming a passage for the workpiece, said passage being adjustable by means of a fluid-pressure operated, extensible device acting on roll bearing blocks for accommodating a changing thickness of the workpiece, characterized in that the bearing blocks of a pair of opposite rolls are arranged in a frame movable within a stationary frame, the extensible device is fixedly mounted on the movable frame and has an actuating connection with one roll for movement of said one roll relative to the movable frame, and the other roll is movable with said movable frame, the arrangement being such that actuation of said extensible device for movement in one direction will move first one roll and subsequently the other roll into engagement with the workpiece for completing the driving engagement.

CLASS 80E.

134979.

FILTER CHAMBERS WITH THE USE OF CRUSHED COCONUT SHELL MEDIA.

JAYANT NARAYAN KARDILE, EXECUTIVE ENGINEER, PUBLIC HEALTH PROJECT DIVISION, LAXMI NAGAR, NAGPUR-10, MAHARASHTRA STATE, INDIA.

Application No. 134979 filed March 18, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

1 Claims—No drawings.

Filter chambers with the use of crushed coconut shell media in single, dual and multi-media chambers for the purification of water.

CLASS 203.

135242.

APPARATUS FOR THE AUTOMATIC RECTILINEAR GUIDING OF FABRIC WEBS.

ALBERT LEIMER, OF BEIMLERSTRASSE 15, 89 AUGSBURG, WEST-GERMANY,

Application No. 135242 filed April 11, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Apparatus for the automatic rectilinear guiding of fabric webs, with a control roller cooperating with the fabric web edge and having sequentially connected thereto a freewheel clutch, a gear unit and a lever arm, by means of which a pivotably mounted guide roller can be lifted away from the fabric web, characterized in that the freewheel clutch (24 or 25, 26) is a clutch with a frictional connection action, wherein frictional connection is brought about by an axial movable ball arrangement (35) which is actuated when the control roller (20) is driven, and when the control roller (20) is not driven, the clutch halves (30, 31) are disengaged by an axial operative spring means (34) which is located between the said clutch halves (30, 31), whereby the disengagement of the two clutch halves (30, 31) is brought about irrespectively of whether rotational forces act on the clutch (24 or 25, 26) from the lever arm (9).

CLASS 146D2.

135317.

A SYSTEM PERTAINS TO A REMOTE CONTROL CUM AUTOMATIC SLIDE PROJECTOR AND REMOVE CONTROL SLIDE PROJECTOR.

SULTAN SINGH JAIN, SHANTINAGAR ROORKEE, DISTRICT SAHARANPUR, UTTAR PRADESH, INDIA.

Application No. 135317 filed April 18, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A system pertains to a Remote Control Cum Automatic Slide Projector and Remote Control Slide Projector is characterised by a source of high intensity light which after being reflected passes through an objective (30A or 30B), slide (34A or 34B) and eye-piece (31A or 31B) so form a magnified image of the slide on a screen wherein the said slide (34A or 34B) already loaded in a magazine (29) or a slide carrier (33B) is moved either by a motor (1) or by a driving-spring (18) to a place in between the objective and eye-piece by automatic or remote control device.

CLASS 32F3d.

135331.

PROCESS FOR PREPARING 5-HYDROXY-1-TETRALONE.

WARNER LAMBERT COMPANY, OF 201 TABOR ROAD, MORRIS PLAINES, NEW JERSEY, U. S. A.

Application No. 135331 filed April 19, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process for preparing 5-hydroxy-1-tetralone which comprises allowing an aqueous alcohol solution of 1, 5-dihydroxynaphthalene to react with gaseous hydrogen in the presence of a palladium reducing catalyst and an equimolar quantity of an alkali metal hydroxide until one molar equivalent of hydrogen has been absorbed.

OPPOSITION PROCEEDINGS

An opposition has been entered by Steelsworth Pvt. Ltd. to the grant of a patent on application No. 132382 made by Marshall's Tea Machinery Company Limited.

PATENTS SEALED

75661. 79266. 114215. 125424. 126838. 126988. 127034. 127305. 127764. 128061. 128859. 129644. 130923. 130944. 131228. 131230. 131529. 131918. 132083. 132365. 132667. 132671. 132672. 132726. 133090.

Amendment Proceedings under Section 57

The amendments proposed by Jashbhai Maganbhai Patel and another in respect of application for Patent No. 122940 as advertised in Part III, Section 2 of the Gazette of India dated the 29th September 1973 have been allowed.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.
(PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

| | |
|--------|--|
| 72911 | M/s Boots Pure Drug Company (India) Limited. |
| 74280 | |
| 74281 | |
| 79841 | |
| 89723 | |
| 106781 | M/s Thermatool Corp. |
| 99246 | |
| 104475 | |
| 100516 | |
| 103999 | |
| 108079 | |
| 90855 | M/s. Deutsche Pitney—Bowes Ges. m.b.h. |
| 103081 | |
| 110945 | M/s. Harish Textile Engineers Private Limited. |
| 121785 | M/s. Istag A.G. Zug. |
| 129102 | M/s. Warman Equipment (International) Limited. |

PATENTS DEEMED TO BE ENDORSED WITH
THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

| No. | Title of the invention |
|-------------------|--|
| 118024 (22-10-68) | Polyurethanes and their production. |
| 118445 (5-11-68) | Improvement in or relating to the method of producing animal feedstuff. |
| 118934 (9-12-68) | A process for the production of aqueous dispersion. |
| 119911 (18-2-69) | Process for the production of hydrocarbons. |
| 120189 (6-3-69) | Production of novel unsaturated polyester resins based on cashew nut shell liquid. |
| 120190 (6-3-69) | Production of novel alkyl resins. |
| 120247 (10-3-69) | Pre-treatment of metal-bearing mineral products. |
| 120336 (14-3-69) | A process for treating organic waste materials. |
| 120415 (19-3-69) | New herbicidal 4-methoxy-2, 6-diamino-S-triazines, process for the production thereof and their use for controlling weeds. |
| 121031 (22-4-69) | Method of carrying out endothermic processes. |

121122 (29-4-69) New azo dyestuffs, process for their manufacture and organic materials dyed, printed or coloured therewith.

121228 (7-5-69) Process for the preparation of curable polymers of ethylene, polymers thus prepared and cured, and shaped objects made therefrom.

121303 (13-5-69) A process for the manufacture of agricultural pesticides.

121405 (19-5-69) Dispersion dyestuffs of the quinophthalone series and process for preparing them.

121645 (4-6-69) A process for preparing an ester of a 3, 5-dialkyl-4-hydroxy-benzyl alcohol and 1, 3, 4-trialkyl-2, 4, 6-tris (3, 5-dialkyl-4-hydroxy benzyl) benzene prepared therefrom.

121668 (7-6-68) Method of manufacturing marking inks.

121805 (1-7-68) Manufacture of bipyridylum salts.

122057 (1-7-69) Pesticides.

122672 (12-2-68) Agricultural and horticultural fungicidal composition containing organic phosphonothioates.

122728 (17-11-67) Process for the preparation of 2,5-dichloro-4-alkylmercapto-phenols and the compounds so prepared.

122742 (13-8-69) Process for the continuous preparation of polyesters.

122947 (28-8-69) Method of preparing comenic acid and derivatives thereof.

123006 (22-2-68) Process for the preparation of didecyl benzyl methyl ammonium chloride.

123009 (2-9-69) Process for producing aluminium by electrolytic deposition.

123037 (4-9-69) Method of anionic polymerisation of lactams.

123117 (11-9-69) Process for the de-oiling of paraffin wax.

123128 (12-9-69) Improvements in or relating to refining oils.

123157 (15-9-69) Process for the manufacture of unsaturated esters of carboxylic acids.

123152 (23-9-69) Hard facing composition and method of manufacture.

123316 (26-9-69) Hydrocarbon reforming process.

123488 (8-10-69) Process for the production of Polyethylene terephthalate.

123504 (9-10-69) Hydrogenation of coal.

123532 (13-10-69) Improved vinyl acetate process.

123669 (22-10-69) Process for the manufacture of unsaturated esters of carboxylic acids.

123712 (25-10-69) Process for the production of phosphoric acids and acid derivatives.

123744 (28-10-69) A method for freeze-drying liquids into powder or granulate form.

123747 (16-12-68) Process for the preparation of novel polyphenylene polyethers particularly as additives to lubricants.

123800 (17-5-68) Production of lactams.

RENEWAL FEES PAID

66805. 66815. 66870. 66978. 67069. 67070. 67071. 67108. 67141. 67897. 69305. 69702. 70337. 70661. 70814. 70877. 71004. 71018. 71116. 71149. 71252. 71357. 71358. 74221. 75236. 75351. 75367. 75408. 75409. 75410. 75412. 75422. 75555. 75556. 75898. 77227. 77320. 77414. 77683. 78211. 80535. 80605. 80709. 80860. 80887. 80908. 80943. 80986. 81055. 81147. 81159. 81165. 81328. 81406. 81449. 81457. 81463. 81472. 81510. 82368. 82369. 82884. 86493. 86526. 86537. 86561. 86614. 86620. 86632. 86760. 86993. 87034. 87041. 87058. 87115. 87166. 87421. 87659. 87919. 88227. 88228. 89256. 91718. 92128. 92141. 92267. 92415. 92449. 92490. 92596. 92617. 92628. 92674. 92675. 92677. 92766. 93064. 93109. 94450. 94697. 95155. 96308. 96309. 96310. 96311. 96312. 96750. 97207. 97852. 97903. 97907. 97972. 97982. 97988. 98036. 98038. 98045. 98053. 98057. 98076. 98077. 98102. 98121. 98124. 98138. 98176.

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 131209. 131492. 131517. 131586. 131588. 131780. 132605.
 132857. 133132. 133197. 133698. 133727. 133751. 134624.

CESSATION OF PATENTS

64311. 64349. 64362. 64378. 64385. 64396. 64422. 64427. 64436.
 64439. 64462. 64477. 64480. 64484. 64506. 64568. 64571. 64662.
 64675. 64679. 64739. 64745. 64760. 64761. 64764. 64765. 64881.
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 74010. 74017. 74018. 74050. 74061. 74100. 74207. 77621. 80314.
 84519. 88096. 92015. 103514. 123406. 123832

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 106140 granted to Dynair Limited for an invention relating to "improvements in or relating to rotary fans". The patent ceased on the 15th July, 1973 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 16th February, 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 2nd May, 1974 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the

facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 109574 granted to Dovrao Mukund Shanbhag for an invention relating to "Improved process and apparatus therefor for impregnating steel tools and parts wear resistant material." The Patent ceased on the 4th March, 1973 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 21st July, 1973.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700 017 on or before the 2nd May, 1974 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 129670 granted to Joseph Lucas (Industries) Limited for an invention relating to "electrical systems for road vehicles". The patent ceased on the 25th September 1973 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 5th January, 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 2nd May 1974 under Rule 69 of the Patents Rules 1972. A written statement in triplicate setting out the nature of the opponent's interests, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act 1970 for the restoration of Patent 131029 granted to Joseph Lucas (Industries) Limited for an invention relating to "lamp failure warning systems for road vehicles". The Patent ceased on the 4th September 1973 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 16th February 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on or before the 2nd May 1974, under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 131140 granted to Joseph Lucas (Industries) Limited for an invention relating to "suppressors for road vehicles". The patent ceased on the 5th October 1973 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 16th February, 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 2nd May, 1974 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 131263 granted to Joseph Lucas (Industries) Limited for an invention relating to "electrical lamp assemblies". The Patent ceased on the 17th June, 1973 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 16th February 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 2nd May 1974 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 141018. Bright Steel Industries, 27, Pusa Road, New Delhi-5, an Indian partnership firm, "Single piece Kunda used with aldrops (Door fittings)", June 13, 1973.

Class 1. Nos. 141071 to 141073. Elliott-Lucas Limited, a British Company, Manufacturers of Churchbridge Works, Cannock in the country of Stafford, England, "A hand tool", January 5, 1973. (U.K.)

Class 1. No. 141087. Gandhi Engineering Corporation, an Indian Sole Proprietary Concern of 62/1A, Netaji Subhash Road, Calcutta-700001, West Bengal India, "Electric shock control device", July 10, 1973.

Class 1. No. 141118. Mirza Murad Bakht, Indian 2333, Kucha Chelan, Daryaganj, Delhi-6, "Kitchen Cupboard", July 20, 1973.

Class 1. Nos. 141158 & 141159. Tractel-Tirfor India Private Limited, an Indian Private Limited Company of 15, Ganesh Chandra Avenue, Calcutta-13, West Bengal and also of 14/6 Mile Stone, Mathura Road, Faridabad, Haryana, "Tripod for lifting loads", August 4, 1973.

Class 1. No. 141201. Ashok Kumar Das, of 44, Harish Neogi Road, Calcutta-4, West Bengal, Indian, Nationality, "Quadrant weighing device" August 17, 1973.

Class 1. Nos. 141242 & 141245. Livnider Singh C/o The Decon Company, 8-Hailey Road, New Delhi (India) Indian National, "An incandescent electric lamp fittings", September 4, 1973.

Class 1. Nos. 141248 & 141249. (1) Suryadevara Nagabhushana Rao, (2) Suryadevara Suresh Babu, (3) Katragadda Satyanarayana, (4) Suryadevara Ravindranath, (5) Suryadevara Ramachandra Rao, (6) Suryadevara Venkata Sivalakshmi Kumari, and (7) Attaluri Sowbhagyavati Devi (Nos. 5, 6 and 7 being minors by guardian Suryadevara Ramachandra Rao), citizens of India, of Swatantra Tyre Foundry, Vijayawada-3 (Andhra Pradesh), "Telugu Tyre Fonts", September 6, 1973.

Class 3. No. 141017. Sharad Plastics, An Indian Partnership firm having its Registered Office at : 238, Nagdevi Street, Bombay-3, Maharashtra, India, "A Mirror or photo frame", June 13, 1973.

Class 3. Nos. 141056 & 141057. Telerad Private Limited a Company registered under the Companies Act, 1956 having its registered office at Saki-Vihar Road, Chhativali P.B. 8929 Bombay-72 Maharashtra, "TV sets", July 2, 1973.

Class 3. No. 141094. Orlitime Industries, an Indian Partnership Firm, Dheobarhai Road, Rajkot-2, Gujarat State, India, "Time Piece", July 16, 1973.

Class 3. No. 141123. Mirza Murad Bakht, Nationality Indian, 2333, Kucha Chelan, Daryaganj, Delhi-6, "Kitchen Cupboard", July 23, 1973.

Class 3. No. 141235. Universal Footwear (Private) Limited, An Indian Company, incorporated under Indian Company's Act, 1956, 93, Queens Road, Bombay, No. I, Maharashtra State, "Sole for Footwear" August 31, 1973.

Class 3. No. 141247. Shrikant Jain, Chandmal Simal, Kanak Raj Parekh and Chandrakant Jain trading as BK Plastic Industries of 33, Burtolla Street, Calcutta-7, State of West Bengal, India, all Indian Nationals, "Plate", September 5, 1973.

Class 10. No. 141234. Universal Footwear, Pvt. Limited., an Indian Company, incorporated under Indian Company's Act, 1956, 93, queens Road, Bombay No. I, Maharashtra State, "Foot Wear", August 31, 1973.

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Design No. 120243..... Class-1.

S. VEDARMAN

Controller-General of Patents, Designs
and Trade Marks.